

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"5111042".pn.	US-PGPUB; USPAT	OR	ON	2006/04/17 11:05
L5	1	"20050092595"	US-PGPUB; USPAT	OR	ON	2006/04/17 13:01
L6	444	(ion adj gauge)	US-PGPUB; USPAT	OR	ON	2006/04/17 14:30
L7	23148	(118/715-733).ccls. or 156/345.\$2. ccls. or 204/192.\$2.ccls. or 204/298. \$2.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/17 14:32
L8	69	6 and 7	US-PGPUB; USPAT	OR	ON	2006/04/17 14:32
L9	62	8 and @ad<"20031031"	US-PGPUB; USPAT	OR	ON	2006/04/17 14:32
L11	927201	(h01l021/\$.ipc. or c23c016/\$.ipc.)	EPO; JPO; DERWENT	OR	ON	2006/04/17 14:56
L12	39	11 and (ion adj gauge)	EPO; JPO; DERWENT	OR	ON	2006/04/17 14:56
S1	1	"20050092595"	US-PGPUB; USPAT	OR	ON	2005/09/23 11:47
S2	1	(ion adj gauge) near switch\$3	US-PGPUB; USPAT	OR	ON	2005/09/23 11:51
S3	29	(ion adj gauge) same switch\$3	US-PGPUB; USPAT	OR	ON	2006/03/25 14:31
S4	131	(ion adj gauge) and switch\$3	US-PGPUB; USPAT	OR	ON	2006/04/17 14:30
S5	114	S4 and @ad<"20031031"	US-PGPUB; USPAT	OR	ON	2005/09/23 12:23
S6	1	(ion adj gauge) same switch\$3	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 13:43
S7	1	(ion adj gauge) and switch\$3	EPO; JPO; DERWENT	OR	ON	2005/09/23 13:43
S8	85	(ion adj gauge)	EPO; JPO; DERWENT	OR	ON	2005/09/23 17:42
S9	1	"6192827".pn.	US-PGPUB; USPAT	OR	ON	2005/09/23 17:42
S10	7	(US-20040018303-\$ or US-20040211363-\$).did. or (US-6589351-\$ or US-6863937-\$ or US-6946034-\$ or US-5234561-\$ or US-4147431-\$).did.	US-PGPUB; USPAT	OR	ON	2006/03/24 17:14
S11	7	S10 and time\$5	US-PGPUB; USPAT	OR	ON	2006/03/24 17:15

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S12	141	(ion adj gauge) and switch\$3	US-PGPUB; USPAT	OR	ON	2006/03/25 14:34
S13	7	S10 and S12	US-PGPUB; USPAT	OR	ON	2006/03/24 17:28
S14	1	"20050092595"	US-PGPUB; USPAT	OR	ON	2006/03/24 17:28
S15	22	(ion adj gauge) and (time near delay)	US-PGPUB; USPAT	OR	ON	2006/03/25 13:23
S16	3	(ion adj gauge) same (time\$3 near7 delay)	US-PGPUB; USPAT	OR	ON	2006/03/25 13:10
S17	7	(ion adj gauge) same (time\$3 same delay)	US-PGPUB; USPAT	OR	ON	2006/03/24 18:13
S18	52	(ion adj gauge) and (time\$3 same delay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/24 18:13
S19	8	(ion adj gauge) same delay	US-PGPUB; USPAT	OR	ON	2006/03/25 12:27
S20	0	(ion adj gauge) same delay	EPO; JPO; DERWENT	OR	ON	2006/03/25 11:55
S21	0	(ion adj gauge) and delay	EPO; JPO; DERWENT	OR	ON	2006/03/25 12:47
S22	86	(ion adj gauge)	EPO; JPO; DERWENT	OR	ON	2006/03/25 13:18
S23	13	(ion adj gauge) and time\$4	EPO; JPO; DERWENT	OR	ON	2006/03/25 11:55
S24	284	(karl near peterson).in. or (michael near wright).in. or (frederico near garza).in.	US-PGPUB; USPAT	OR	ON	2006/04/17 14:55
S25	443	(ion adj gauge)	US-PGPUB; USPAT	OR	ON	2006/03/25 12:30
S26	5	S24 and S25	US-PGPUB; USPAT	OR	ON	2006/03/25 12:42

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S27	27	((("6833314") or ("6831280") or ("6797967") or ("6797336") or ("6677598") or ("6673673") or ("6657209") or ("6639231") or ("6603128") or ("3300163") or ("6323497") or ("6300642") or ("6297510") or ("6249005") or ("6160262") or ("6137112") or ("6093625") or ("6054862") or ("6031240") or ("5998798") or ("5981961") or ("5981955") or ("5760409") or ("5306408") or ("5134299") or ("5093571") or ("20030116089")).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/25 12:47
S28	15	(ion adj gauge) and S27	US-PGPUB; USPAT	OR	ON	2006/03/25 12:49
S29	3	(ion adj gauge) and S27 and switch	US-PGPUB; USPAT	OR	ON	2006/03/25 12:49
S30	16514	ion and (time\$3 near7 delay)	US-PGPUB; USPAT	OR	ON	2006/03/25 13:11
S31	2664	(ion near implant\$5) and (time\$3 near7 delay)	US-PGPUB; USPAT	OR	ON	2006/03/25 14:57
S32	2185	(ion near implant\$5) and (time\$3 near delay)	US-PGPUB; USPAT	OR	ON	2006/03/25 13:12
S33	62	(ion near implant\$5) same (time\$3 near delay)	US-PGPUB; USPAT	OR	ON	2006/03/25 13:14
S34	0	(ion near implant\$5) same (timer near delay)	US-PGPUB; USPAT	OR	ON	2006/03/25 13:15
S35	12	(ion near implant\$5) and (timer near delay)	US-PGPUB; USPAT	OR	ON	2006/03/25 13:18
S36	529	(ion adj gauge)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/25 13:18
S37	2	S36 and (timer near delay)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/25 13:18
S38	26	(ion near implant\$5) and (timer near7 delay)	US-PGPUB; USPAT	OR	ON	2006/03/25 13:20
S39	67	(ion adj gauge) and (ion adj implant\$5)	US-PGPUB; USPAT	OR	ON	2006/03/25 13:29
S40	1	((pair or plurality) near3 (ion adj gauge)) and (ion adj implant\$5)	US-PGPUB; USPAT	OR	ON	2006/03/25 13:38
S41	1	((pair or plurality) near7 (ion adj gauge)) and (ion adj implant\$5)	US-PGPUB; USPAT	OR	ON	2006/03/25 13:30

## EAST Search History

S42	2	((pair or plurality) near3 (ion adj gauge)) and (ion near beam)	US-PGPUB; USPAT	OR	ON	2006/03/25 13:39
S43	2	((pair or plurality) near7 (ion adj gauge)) and (ion near beam)	US-PGPUB; USPAT	OR	ON	2006/03/25 13:39
S44	0	((pair or plurality) near7 (ion adj gauge)) and (ion near beam)	EPO; JPO; DERWENT	OR	ON	2006/03/25 13:40
S45	8	(ion adj gauge) and (ion near beam)	EPO; JPO; DERWENT	OR	ON	2006/03/25 14:53
S46	112	(ion adj gauge) and (ion near beam)	US-PGPUB; USPAT	OR	ON	2006/03/25 14:23
S47	98	S46 and @ad<"20031031"	US-PGPUB; USPAT	OR	ON	2006/03/25 14:23
S48	16	(ion\$7 adj gauge) and (ion near beam)	EPO; JPO; DERWENT	OR	ON	2006/03/25 14:21
S49	183	(ion\$7 adj gauge) and (ion near beam)	US-PGPUB; USPAT	OR	ON	2006/03/25 14:23
S50	169	S49 and @ad<"20031031"	US-PGPUB; USPAT	OR	ON	2006/03/25 15:08
S51	71	S50 not S47	US-PGPUB; USPAT	OR	ON	2006/03/25 14:24
S52	21	(ionization adj gauge) same switch\$3	US-PGPUB; USPAT	OR	ON	2006/03/25 14:31
S53	163	(ionization adj gauge) and switch\$3	US-PGPUB; USPAT	OR	ON	2006/03/25 14:34
S54	21	(ionization adj gauge) same switch\$3	US-PGPUB; USPAT	OR	ON	2006/03/25 14:35
S55	4	"2000011942"	EPO; JPO; DERWENT	OR	ON	2006/03/25 14:38
S56	10	("3590777"   "3907263"   "4226208"   "4613306"   "4823358"   "5008897"   "5121983"   "5375557"   "5795399"   "5898261").PN. OR ("6589351").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/25 14:51
S57	3929	sano.in.	US-PGPUB; USPAT	OR	ON	2006/03/25 14:53
S58	828	(ion\$7 adj gauge)	US-PGPUB; USPAT	OR	ON	2006/03/25 14:54
S59	4	S57 and S58	US-PGPUB; USPAT	OR	ON	2006/03/25 14:54
S60	12	(ion near implant\$5) and (timer near delay)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/25 14:59

## EAST Search History

S61	261	axcelis.as. and (ion adj implant\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/25 15:07
S62	13	S61 and recipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/25 15:06
S63	17	(ion\$5 adj gauge) and (ion adj implant\$5) and recipe	US-PGPUB; USPAT	OR	ON	2006/03/25 15:08
S64	6	S63 and @ad<"20031031"	US-PGPUB; USPAT	OR	ON	2006/03/25 15:08
S65	1	"20050092595"	US-PGPUB; USPAT	OR	ON	2006/04/15 15:56
S66	1	"20050092595"	US-PGPUB; USPAT	OR	ON	2006/04/15 16:32
S67	1	"5760409".pn.	US-PGPUB; USPAT	OR	ON	2006/04/15 17:22
S68	2	"20050092938"	US-PGPUB; USPAT	OR	ON	2006/04/15 17:33
S69	2	"20050095800"	US-PGPUB; USPAT	OR	ON	2006/04/15 17:34